

BILLING DPR							
State	Odisha	District	Angul	Block	Palalahada	Gram Panchayat	Khemala
Work Code	OD/344/3282/115725/403572/00064625 (Provision of Facility Center at Khemala GP HQ)						
Project Category	Building						
Financial Year	2023-24		Execution Level		PS		
Executing Agency	Panchayat Samiti, Palalahada		Bill Status		1st Bill		
Proposal Date	25-05-2023		Date of Commencement		21-11-2025		
Date of Completion	-		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	Provision of Facilities at GP Head Quarter		Project Sub-Category		GP Facility Centre		
Project Type	New Work		Name of Executant				

Administrative Approval Details

Approval No.	OD/344/3282/115725/403572/00064625/AS
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Technical Sanction Details

Technical Sanction No.	OD/344/3282/115725/403572/00064625/TS
Fund Sanction No.	11355
Fund Sanction Amount (in Rs.)	1000000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	3.19519692	Cum
2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.81021444	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.81021444	1 Cum

3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.81021444	Cum
i)	BRM340 : Cement	2.29	1.8553910676	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.3889029312	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.7778058624	1 Cum.
4	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	0.4716517	Cum
i)	BRM340 : Cement	0.672	0.3169499424	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.132062476	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	350	165.078095	1000 Nos
5	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	28.91703404128	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	28.91703404128	1 Cum
ii)	BRM340 : Cement	0.672	19.43224687574	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	8.0967695315584	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	350	10120.961914448	1000 Nos
6	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	16.51	Qntl
i)	BRM162 : Binding Wire.	0.8	13.208	1 Kg.
ii)	BRM341 : Steel	1.05	17.3355	1 Qntl.

7	R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips. (Nominal mix as per IS-456, Table-9). - R.C.C. work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge (Nominal mix as per IS-456, Table-9).	-	16.694611380298	Cum
i)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	6.0100600969073	1 Cum.
ii)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	9.0150901453609	1 Cum.
iii)	BRM340 : Cement	3.4733	57.985393707189	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.5125751211341	1 Cum
8	R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	6.0467589804	Sqm
i)	BRM104 : Non Sal wood scantling & plants (Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.016144846477668	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.7618916315304	1Mtr.
9	R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm	-	50.17969739	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	27.718309034476	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants (Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.2604565245481	1Cum.
10	R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm	-	13.74685691	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.26923076923077	3.7010768603846	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants (Tentera, Kasi, Gamhari, Kuruma)	0.0052948717948718	0.072787844920897	1Cum.

11	R.C.C. Work (AR0410a) :Centring & Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	89.5039951002	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.6222222222222222	55.691374729013	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.44950895316989	1Cum.
12	R.C.C. Work (AR0410b) :centering and shuttering fRigid and smooth or R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. stairs excluding landing but including railing details for 5 Sqm	-	5.2682690016	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.13	0.684874970208	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00534	0.028132556468544	1Cum.
13	Plastering (AR1017) :.20mm thick cement Plaster in CM (1:4) over masonry work in inside. - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	71.9309745867	Sqm
i)	BRM340 : Cement	0.0744	5.3516645092505	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.5105504663207	1 Cum
14	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	152.55508727	Sqm
i)	BRM340 : Cement	0.043	6.55986875261	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.74599157086	1 Cum
15	Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	138.0910749418	Sqm
i)	BRM340 : Cement	0.0358	4.9436604829164	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.071366124127	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.81021444	1 Cum	1154.65	935.514103146
2	BRM340	96.445175337706	1 Qntl.	538.472	51933.026454445

3	BRM028	22.4582182212	1 Cum	1159.59	26042.325267122
4	BRM044	0.7778058624	1 Cum.	1713.94	1333.1125798019
5	BRM005	10286.040009448	1000 Nos	6.4606	66453.99008504
6	BRMMR0025	28.91703404128	1 Cum	33	954.26212336224
7	BRM162	13.208	1 Kg.	90.1	1190.0408
8	BRM341	17.3355	1 Qntl.	6386.662	110715.979101
9	BRM060	6.0100600969073	1 Cum.	2123.91	12764.826740422
10	BRM052	9.0150901453609	1 Cum.	2100.98	18940.5240936
11	BRM104	0.8270307255851	1Cum.	58573.086	48441.741814338
12	BRM092	0.7618916315304	1Mtr.	229.106	174.5539441334
13	BRM084	83.40968376349	1Mtr	250.166	20866.266948377
14	BRM094	4.3859518305926	1Mtr.	240.106	1053.0933502363

Total: 361799.25740502